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JUL 18 2005

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

YAO

Serial No. 10/736,859

Filing Date: DECEMBER 16, 2003

Confirmation No. 5386

For: DOPED ABSORPTION FOR ENHANCED RESPONSIVITY FOR HIGH SPEED

PHOTODIODES

Atty Docket No.:

78227CIP1 P1510 US CIP

Art Unit: 2815

Examiner: EUGENE LEE

VIA FACSIMILE NO. 571-273-8300

Mail Stop Amendment

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 U.S.A.

## AMENDMENT

Dear Sir:

In response to the Office Action dated June 27, 2005 the following amendments and remarks are respectfully submitted in connection with the above-identified application.

Amendments to the Claims are reflected in the listing of claims, which begins on page 2 of this paper.

Remarks begin on page 6 of this paper.

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